

Amendments to the Specification:

Page 1, before paragraph [0001], please delete the insert amendment requested in the Preliminary Amendment of January 31, 2005 and insert the following:

Cross Reference to Related Application

This application is the National Stage filing under 35 U.S.C. 371 of International Application No. PCT/EP03/07698, filed July 16, 2003, and claims the priority of German Patent application No. DE 102 34 594, filed July 30, 2002.

Background of the Invention

Page 1, amend paragraph [0001] to read as follows;

[0001] The invention relates to a generator/motor system ~~as claimed in the preamble of claim 1~~, in particular for application in mobile units, motor vehicles, ships and the like as an on-board power system generator and starter, of the type having a rotational field machine with three generator phase windings and a pulse-controlled inverter that has a predetermined maximum power and is connected to the three generator phase windings of the rotational field machine. The present invention also relates ~~and~~ to a method for operating this generator/motor.

Page 4, please amend paragraph [0017] to read as follows:

[0017] This object is generally achieved according to a first aspect of the invention ~~by means of a generator/motor system having the features of patent claim 1 as well as of the type originally mentioned above wherein: the pulse-controlled inverter is divided into a first and a second pulse-controlled inverter which are identical to one another and which have half the maximum power; the first and second pulse-controlled inverters each have three branch pairs, with each of the three branch pairs being connected to an associated winding of the three generator phase windings and being composed of at least two symmetrically arranged electronic~~

branch switches which are located in series with one another in the same direction, and with the branch pairs being connected to a d.c. voltage source via the branch switches; the generator phase windings are each connected between respective center points of the associated branch pairs of both pulse controlled inverters; in each case a filter capacitor is connected in parallel with the branch pairs of the first and second pulse-controlled inverters; and an electronic switch is connected in parallel with the generator phase windings between the first pulse-controlled inverter and the second pulse-controlled inverter and via which a positive busbar of the first pulse-controlled inverters can be connected and disconnected from a positive busbar of the second pulse controlled inverter and from a positive pole of the d.c. voltage source.

The above object is generally achieved according to a second aspect of the invention by a method for operating this the generator/motor system according to the invention having the features of claim 8 including operating the generator/motor system in a star circuit by keeping closed the branch switches arranged on the side of the positive pole of the d.c. voltage source of the first pulse-controlled inverter (PWR1) and keeping open both the branch switches which are arranged on the side of the negative pole of the d.c. voltage source of the first pulse-controlled inverter and the electronic switch as well as actuating all the branch switches of the second pulse-controlled inverter to operate the generator/motor system;

sensing the rotational speed of the rotational field machine and determining a characteristic-diagram-dependent switchover point;

switching over the generator/motor system at the determined switchover point to operation in the single phase circuit by closing the electronic switch and actuating the both pulse-controlled inverters such that each generator phase winding receives its own H bridge, i.e. by all the branch switches of the first and second pulse-controlled inverter being closed.